Belinea

19" Active screen size

Integrated speakers

+DVI Additional digital connection for optimum image performance

8 ms Very low response time for fast image formation

Belinea 10 19 20

Top technology for professionals

The new Belinea 10 19 20 is one of the first displays with the latest Premium MVA Panel. It is particularly characterised by its large viewing angle and high contrast value of 1000:1.

The display provides a high level of performance to meet professional demands: With a 1000:1 contrast ratio it provides the greatest possible viewing and working convenience. The 170° viewing angle means that different people can see the screen at the same time – ideal for consulting tasks where several people have to frequently view the monitor at the same time. In addition the screen can be turned through 90° and rotated left and right. At just 8 ms (g/g) the fast response time is yet other advantage of the Belinea 10 19 20. Thanks to the DVI connection, data transfer and therefore also image quality is guaranteed especially for the highest demands.

Highlights:

- 19 inch (48.26cm)
- Response time in ms (g/g): 8
- Viewing angle (CR > 10:1): 170° / 170°
- Contrast ratio: 1000:1
- Integrated speakers
- Lift, Pivot
- Connection: Analogue + digital (DVI-D)

Application Areas:

- Prestigious workplaces and reception desks
- Consulting activities, e.g. in the finance or insurance sector
- Small and medium-sized companies

TÜV Rheinland Product Safety ISO 13406-2

TÜV Rheinland Product Safety ERGONOMIE GEPRÜFT ERGONOMICS APPROVED

TÜV Rheinland Product Safety GS geprüfte Sicherheit

TCO '03 DISPLAYS

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Belinea

Belinea 10 19 20 Art. No. 11 19 19
Technical data

Panel characteristics

Screen size	19“
Screen size in inches (visible)	19
Screen size in cm (visible)	48,26
Maximum picture size (W x H) in mm	376 x 301
Physical resolution	1.3 Mega Pixel (1280 x 1024)
Dot pitch (H x W) in mm	0.294 x 0.294
Panel technology	Prem. MVA
Presentable colours	16.7 million
Brightness in cd/m² (typ.)	250
Contrast ratio (typ.)	1000:1
Viewing angle, h/v (CR > 5:1)	170° / 170°
Viewing angle, h/v (CR > 10:1)	170° / 170°
Response time in ms:	8 g/g

Electrical data

Horizontal frequency in kHz	30-81
Vertical frequency in Hz	56-76
max. bandwidth (dot rate) in MHz	135
Input voltage 100-240V, 50-60 Hz	•
Max. power consumption in watts (on/sleep)	50 / 1

Features

Speakers	2 x 1 watt
Height adjustable in mm	110
Rotatable through 90°	•
Power supply internal / external	– / •
Tilt angle, forwards / backwards	20° / 5°
Swivel-mounted to right / left	45° / 45°
Colour	SilverBlack style

OSD / setting options

Brightness / contrast	• / •
Clock / phase	• / •
Image position (horizontal / vertical)	• / •
Auto-Setup / Reset	• / •
Colour temp. (5500K, 6500K, 9300K, User, SRGB)	– / • / • / • / •
Display at low resolution: Full image / 1:1	• / –
Frequency display / video signal switching	• / •
Volume	–
Monitor controls	
-AutoSetup / brightness / contrast	• / • / •
-Volume / menu / power	• / • / •

Max. image refresh rates in Hz for resolution analogue / digital

640 x 480	76 / 76
800 x 600	76 / 76
1024 x 768	76 / 76
1152 x 864	76 / 76
1280 x 1024	76 / 76
1600 x 1200	– / –

Test certificates / standards

Plug & Play:	
-DDC 2B / DDC-CI	• / •
Ergonomics:	
-TÜV Ergo (ISO 13406-II) / TCO99 / TCO03	• / – / •
Safety:	
-TÜV GS / CE	• / •
Power Management:	
-Energy Star / Energy Label / TCO99 / TCO03	• / • / – / •
MAC compliant	•
Anti-theft device:	
-Kensington Lock compliant	•
VESA Mounting compliant (hole spacing in mm)	100 x 100

Connections

Analogue: D-SUB 15 pin mini	•
Digital: DVI-D (24-pin)	•
Headphone connection / Audio input	– / •
USB (1 up/3 down)	–

Accessories

Manual (CD / Print)	• / –
Power cable (1.8 m)	•
Video cable D-Sub 15 pin mini (1.8 m)	•
DVI-D cable, 1.8 m (optional)	• (Art. No. 30 86 86)
Audio cable (1.8 m) / USB cable	• / –
Pivot Software (optional)	–

Dimensions

Size (W x H x D) in mm	416 x 417 x 216
Size (W x H x D) in mm without stand	416 x 361 x 59
Net / gross weight in kg	6.5 / 8.4

Service

3 years swap out warranty incl. panel and backlight	•

Belinea is the monitor brand of MAXDATA.

With compliments: